

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of the Claims

1. (Currently Amended) Signal processing apparatus, comprising:
first tuning means for generating a first IF signal corresponding to a first RF signal;
first analog demodulating means for generating a first demodulated signal and a first AGC signal corresponding to said first IF signal;
second tuning means for generating a second IF signal corresponding to a second RF signal;
second analog demodulating means for generating a second demodulated signal and a second AGC signal corresponding to said second IF signal; and
third digital demodulating means for generating a third demodulated signal and a third AGC signal corresponding to one of said first and second IF signals;
first RF AGC switching means for selectively providing one of said first and third AGC signals to said first tuning means; and
second RF AGC switching means for selectively providing one of said second and third AGC signals to said second tuning means.
2. (Previously Presented) The signal processing apparatus of claim 1, wherein said first RF signal is provided via a terrestrial signal source.
3. (Previously Presented) The signal processing apparatus of claim 1, wherein said second RF signal is provided via a cable signal source.
- 4-6. (Canceled)
7. (Previously Presented) The signal processing apparatus of claim 1, further comprising IF switching means for selectively providing one of said first and second IF signals to said third demodulating means.

8. (Currently Amended) A method for performing signal processing, comprising:
receiving a first RF signal from a first signal source;
generating a first IF signal corresponding to said first RF signal responsive to a first channel selection;
generating a first demodulated signal and a first AGC signal corresponding to said first IF signal if said first channel selection is an analog channel selection; receiving a second RF signal from a second signal source;
generating a second IF signal corresponding to said second RF signal responsive to a second channel selection;
generating a second demodulated signal and a second AGC signal corresponding to said second IF signal if said second channel selection is an analog channel selection; and
generating a third demodulated signal and a third AGC signal corresponding to one of said first and second IF signals if one of said first and second channel selections is a digital channel selection
selectively providing one of said first and third AGC signals for use in said generating a first IF signal; and
selectively providing one of said second and third AGC signals for use in said generating a second IF signal.
9. (Previously Presented) The method of claim 8, wherein said first signal source is a terrestrial signal source.
10. (Previously Presented) The method of claim 8, wherein said second signal source is a cable signal source.
11. (Canceled)

12. (Currently Amended) A television signal receiver, comprising:

a first tuner operative to generate a first IF signal corresponding to a first RF signal;

a first analog demodulator operative to generate a first demodulated signal and a first AGC signal corresponding to said first IF signal;

a second tuner operative to generate a second IF signal corresponding to a second RF signal;

a second analog demodulator operative to generate a second demodulated signal and a second AGC signal corresponding to said second IF signal; and

a third digital demodulator operative to generate a third demodulated signal and a third AGC signal corresponding to one of said first and second IF signals;

a first RF AGC switch operative to selectively provide one of said first and third AGC signals to said first tuner; and

a second RF AGC switch operative to selectively provide one of said second and third AGC signals to said second tuner.

13. (Previously Presented) The television signal receiver of claim 12, wherein said first RF signal is provided via a terrestrial signal source.

14. (Previously Presented) The television signal receiver of claim 12, wherein said second RF signal is provided via a cable signal source.

15-17. (Canceled)

18. (Previously Presented) The television signal receiver of claim 12, further comprising an IF switch operative to selectively provide one of said first and second IF signals to said third demodulator.